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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/798,909

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Cary Lee Bates

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IBM CORPORATION

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EXAMINER

SHAN, APRIL YING

ART UNIT

PAPER NUMBER

2135

MAIL DATE

DELIVERY MODE

09/17/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/798,909	Applicant(s) BATES ET AL.	
	Examiner APRIL Y. SHAN	Art Unit 2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 June 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The Applicant's amendment, filed 02 June 2008, has been received, entered into the record, and respectfully and carefully considered.
2. As a result of the amendment, claims 1, 4 and 5 have been amended. Claims 6-20 have been canceled. Claims 1-5 are now presented for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Wood et al. (U.S. Patent No. 6,609,198)

As per **claim 1**, Wood et al. discloses a method, comprising:

Receiving a form at a client, wherein the form requests that a first password be submitted to a server ("...obtaining a first credential for a client entity and authenticating the client entity thereby..." – e.g. col. 3, lines 15-16 and col. 18, lines 62-64. Please note first credential corresponds to Applicant's first password)

determining whether the first password is restricted to a set of pages wherein the determining further comprises in response to each of the pages in the set being retrieved from the server ("a gatekeeper with an authorization interface for determining

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whether a first authenticated credential associated with client entity and session is consistent with a trust level requirement for a target information resource and, if so, proxying an access thereto and" – e.g. col. 4, lines 8-12), determining whether at least one of the pages in the set comprises a meta tag that includes password restriction control information that specifies an address of a domain and restriction of password submission to within the domain ("a gatekeeper with an authorization interface for determining whether a first authenticated credential associated with client entity and session is consistent with a trust level requirement for a target information resource and, if so, proxying an access theretoand" – e.g. col. 4, lines 8-12 and "...redirect from gatekeeper/entry handler component 110..Note that in configurations in which the security architecture controls access to resources in several domains, care should be exercised to select **a tag or tags** for the cookie such that it will be provided through normal operation of the browser in subsequent accesses to any of the several domains. **Persons of ordinary skill in the art will appreciate suitable tagging techniques...**" - e.g. col. 11, lines 17-29. Please note tag corresponds to Applicant's meta tag), wherein the pages in the set are interpreted and displayed at the client after being retrieved from the server ("User 301 interacts with browser 302 to place an order with order management service 312. An application security framework 303 receives an access request including the order and, operating in conjunction with a variety of other services, provides a single sign-on facility substantially as described above. If the order does not include a session token or cannot be otherwise associated with

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corresponding valid session credentials, then session credentials are obtained...” –
e.g. col. Col. 17, lines 26-51 and fig. 3A – 3D);

if the first password is restricted to the set of pages, denying submission of the first password outside the set of pages, wherein the first password is allowed to be submitted to the server that originated the set of pages and if the first password is not restricted to the set of pages, allowing submission of the password outside the set of pages (“...accessing a first of plural information resources, and if the client entity is sufficiently authenticated for access to a second of the information resources, accessing the second information resource. Otherwise, a second credential for the client entity is obtained and the client entity is authenticated thereby. The second credential sufficiently authenticates the client entity for access to the second information resource and thereafter the second information resource is accessed...” – e.g. col. 3, lines 13-28);

denying submission of a second password inside the set of pages if the second password was previously submitted outside the set of pages, allowing submission of the second password inside the set of pages if the second password was not previously submitted outside the set of pages (“...The information resources have **individualized authentication requirements**...The common log-on service obtains a first credential for the client entity...In response to an access request requiring a second authentication level...the common log-on service obtains **a second credential**...” – e.g. col. 3, line 54 – col. 4, line 20 and “...a salary tool is accessible only from with a company's internal network. No level of authentication trust may be

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sufficient to access such a tool from outside company network. To facilitate implementation of such a security policy, authorization component 40 could refuse access based on environment parameters indicating a session originating outside the company's internal network" – e.g. col. 6, lines 44-52); and

if the at least one of the pages in the set comprises the password restriction control information that specifies the address of the domain and the restriction of the password submission to within the domain, saving the address of the domain and saving an indication that password use is to be restricted for all the pages in the domain ("...Person with ordinary skill in the art will appreciate suitable tagging techniques, including the use of multiple cookies..." – e.g. col. 11, lines 27-29 and "...Typically, aspects of session state are represented...and a session token..session token or cookie. In general, a variety of facilities such as cookies, can be used to maintain state across a series of protocol interactions, such as HTTP transaction..." – e.g. col. 9, lines 12-28 and col. 10, line 56 – col. 11, line 16. *Please note cookies are used for **authentication, session tracking** (state maintenance), and **maintaining specific information about users and allowing users to log in to a website**. Users typically log in by inserting their credentials into a login page; cookies allow the server to know that the user is already authenticated, and therefore is allowed to access services or perform operations that are restricted to logged-in users. This is the method commonly used by many sites that allow logging in, such as Yahoo!).*

As per **claim 2**, Wood et al. discloses a method as applied above in claim 1. Wood et al. further discloses wherein the set of pages comprise all pages within the domain (“...sun.com...” – e.g. col. 13, lines 37-41).

As per **claim 3**, Wood et al. discloses a method as applied above in claim 1. Wood et al. further discloses wherein the set of pages comprises a single page (“...html form...” – e.g. col. 16, lines 39-42, “...login page (e.g., HTML)...” – e.g. col. 11, line 65 and “...a salary tool is accessible only from a company's internal network...” - e.g. col. 6, lines 45-49).

As per **claim 4**, Wood et al. discloses a method as applied above in claim 1. Wood et al. further discloses presenting a dialog at the client, wherein the dialog allows a user to specify an address of a domain for which password submission is to be restricted (“...presenting an URL to gatekeeper/entry handler component 110...” - e.g. col. 7, line 36 – col. 8, line 15).

As per **claim 5**, Wood et al. discloses a method as applied above in claim 1. Wood et al. further discloses presenting a dialog at the client, wherein the dialog allows a user to specify an address of a single page for which password submission is to be restricted (e.g. col. 6, lines 45-49 and col. 7, line 66 – col. 8, line 3)

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (See PTO -892)

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to APRIL Y. SHAN whose telephone number is (571)270-1014. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/April Y Shan/
Examiner, Art Unit 2135

/KimYen Vu/
Supervisory Patent Examiner, Art Unit 2135